

KAVINKISHORE N

Senior Java / Backend Engineer

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PROFESSIONAL SUMMARY

Backend Software Engineer with 4+ years of experience designing and delivering scalable, secure, and high-performance microservices in the banking and payments domains. Expert in Java 17, Spring Boot, Apache Kafka, and cloud-native microservices architecture, with hands-on experience processing 1M+ transactions/day in mission-critical fintech environments. Proven record of reducing end-to-end latency by up to 35%, achieving 99.9% system uptime, and integrating complex financial protocols including SWIFT, RTGS, FedNow ISO 20022, and BPS. Adept at building shared platform libraries, event-driven pipelines, and secure APIs that scale across global enterprises.

TECHNICAL SKILLS

Languages: Java 21/17/11/8, Golang, Python

Backend Frameworks: Spring Boot, Spring MVC, REST APIs, Hibernate, JPA, Feign Client

Messaging & Streaming: Apache Kafka, IBM MQ, RabbitMQ, AVRO Schema

Databases: PostgreSQL, Oracle, MongoDB, MySQL

Security: OAuth2, JWT, Keycloak

Cloud & DevOps: Docker, Kubernetes, Jenkins, Azure, GCP

Testing & QA: JUnit, TestNG, Cucumber BDD, Karate, Postman, Swagger/OpenAPI

Financial Protocols: SWIFT, RTGS, BPS, FedNow ISO 20022, SOAP/WSDL, SoapUI

Architecture Patterns: Microservices, Event-Driven Architecture, Distributed Systems

Frontend: React.js, HTML5, CSS3

Tools & Practices: Git, Bitbucket, Agile/Scrum, Stoplight

PROFESSIONAL EXPERIENCE

Primesoft Inc. — Associate (Software Engineer – Backend).

Dec 2021 – Jan 2026 | Chennai / Bengaluru

Core Shared Library | Wells Fargo

May 2025 – Jan 2026

Stack: Java 17, Spring Boot, Kafka, Oracle, MongoDB, OpenAPI, Cucumber BDD, Swagger, Hibernate

- Designed and developed scalable Spring Boot microservices for loan origination and underwriting workflows, reducing application processing time by **35%**
- Implemented Kafka-based event-driven architecture for fraud checks, credit scoring, and loan state transitions — eliminating duplicate transactions with **exactly-once processing semantics**
- Optimized PostgreSQL and Oracle queries and indexing strategies, improving API response times by **30%** under peak load
- Integrated JWT and OAuth2 security, audit logging, and centralized monitoring, cutting production issue resolution time by **40%** and achieving **99.9% uptime**
- Developed shared backend libraries reused across **5+ engineering teams**, improving code consistency and reducing duplicated logic

Dietician Application | Primesoft Inc.

Jan 2025 – Apr 2025

Stack: Golang

- Built a web and mobile application for dieticians to manage patient profiles, diet plans, health recommendations, and 24-hour nutritional recall
- Implemented patient data management, diet plan creation, and nutrition tracking modules using Golang REST services

Payment Hub | Ejada Systems, Saudi Arabia

Aug 2023 – Dec 2024

Stack: Java 17, Spring Boot, IBM MQ, Kafka, Oracle, WSDL/SOAP, SoapUI, OpenAPI, Swagger, Hibernate

- Re-architected legacy payment middleware into modular microservices, enabling **real-time processing of 1M+ transactions/day** with zero-downtime migration
- Integrated BPS, RTGS, and SWIFT payment protocols via REST, SOAP, IBM MQ, and Kafka, enabling multi-rail payment orchestration
- Reduced payment transaction failure rate by **20%** through enhanced retry logic, dead-letter queues, and circuit breaker patterns
- Developed Feign-based OpenAPI integrations for 10+ downstream financial systems

Scheduler – Fraud Analytics | ACI Worldwide, Pune

Mar 2023 – Jul 2023

Stack: Java 17, Spring Boot, Kafka, Oracle, Postman, Hibernate

- Designed a Kafka-based job scheduler for real-time fraud alert processing with high-throughput, sub-second SLAs
- Implemented AVRO schema conversion and producer logic for failed snapshot recovery, improving system resilience
- Reduced alert initialization and dispatch latency by **25%** through consumer group optimization and partition tuning

Payapt – FedNow Simulator | Primesoft Inc., Chennai

Dec 2022 – Feb 2023

Stack: Java 17, Spring Boot, IBM MQ, RabbitMQ, MongoDB, Swagger, Hibernate

- Implemented FedNow ISO 20022 message simulation platform for testing, training, and certification of financial institutions
- Configured IBM MQ and RabbitMQ for high-volume message exchange across multiple institution types
- Delivered end-to-end simulator used for institution onboarding, certification, and compliance validation

Open Recruiter | 3Edge Solution, Chennai

Jun 2022 – Dec 2022

Stack: Java 11, Spring Boot, MySQL, Keycloak, REST API, Hibernate

- Built a full-featured recruiting web application for job posting, recruiter assignment, interview scheduling, and candidate feedback management
- Implemented JWT token-based access control using Keycloak to manage Coordinator and Recruiter roles

FEV Tutor | Focus India, Bangalore

Jun 2022 – Sep 2022

Stack: Java 11, Spring Boot, RabbitMQ, MySQL, Swagger, Hibernate

- Developed a real-time tutor monitoring dashboard for Team Leads and Operations Managers, enabling session tracking and corrective action workflows
- Built KPI reporting features to measure tutor effectiveness and overall service quality across production sessions

PAYS – Payment At Your Steps | Suntronics, Chennai

Nov 2021 – Jun 2022

Stack: Java 8, Spring Boot, MySQL, REST API, Stoplight, Hibernate

- Developed a loyalty and product authentication application enabling customers to verify product genuineness via coupon scan
- Built backend APIs for coupon management, product verification, and executive scan workflows

ZKOOL – Video Conferencing Platform | Focus India, Bangalore

Jul 2021 – Nov 2021

Stack: Java 8, Spring Boot, MySQL, REST API, Stoplight, Hibernate

- Built backend services for a cloud-based peer-to-peer video conferencing platform supporting teleconferencing, telecommuting, and distance education

EARLIER CAREER

Green Lighting — Assistant Manager

Feb 2018 – May 2021 | Chennai

Tamilnadu Arasu Cable TV Corporation Ltd. — Assistant Manager

Aug 2014 – Jan 2018 | Coimbatore

EDUCATION

MBA — Annamalai University

2013 – 2015

B.E – Computer Science & Engineering — Maharaja Engineering College

2009 – 2013

CERTIFICATIONS & TRAINING

Java Full Stack Developer — 3Edge Solution, Chennai

Machine Learning with Python — LetsUpgrade, Bengaluru